

### ABSTRACT OF THE DISCLOSURE

An integration train brake system including a single brake controller providing locomotive and train brake commands. An electropneumatic controller is connected to the brake controller, the train brake pipe and the locomotive brake pipe. A trainline controller is connected to the electrical network. A locomotive computer is connected to a display. A processor module connects the brake controller's commands to the trainline controller, and connects the trainline controller to the electropneumatic controller and the locomotive computer.